

REMARKS

Favorable reconsideration and allowance of the present patent application are respectfully requested in view of the foregoing amendments and the following remarks. Claims 1-19 are pending in the application. By this Amendment, the abstract, specification, and claims 1-2, 4, and 6 are amended, claims 3 and 5 are canceled without prejudice or disclaimer, and claims 7-19 are added. No new matter is added. Support for the claims can be found throughout the specification, including the original claims, and the drawings.

Specification Informalities

The specification was objected to because of informalities. This Amendment addresses this objection by correcting the noted informalities in the specification and those noted by the Applicant. Accordingly, withdrawal of this objection is respectfully requested.

35 U.S.C. § 102 & 103 Rejections

Claims 1-3 and 6 were rejected under 35 U.S.C. §102(b) as allegedly being anticipated by Ito et al. (hereinafter "Ito"), U.S. Patent No. 5,751,098. Claim 3 is canceled, and therefore the rejection is moot with respect to claim 3. Applicant respectfully traverses this rejection in so far as it applies to the remaining claims for at least the following reasons.

Applicant respectfully disagrees that Ito discloses every feature of Applicant's claimed invention. That is, Ito at least fails to disclose or suggest a pair of main frames and a pair of subframes attached to end portions of the subframes, as recited in amended independent claim 1. Rather, Ito, in Fig. 4a cited by the Examiner, discloses an integrated frame 2. Multipiece type shadow mask frames are very different from integrated type shadow mask frames, both in their

manufacture and resulting structure, as well as the forces acting upon the resulting structure. In fact, Ito teaches away from a multipiece shadow mask frame as it is an object of the invention to improve the characteristics of an integrally structured frame. See column 4, lines 36-40 of Ito.

Accordingly, the rejection of independent claim 1 over Ito should be withdrawn. Dependent claims 2 and 6, as well as added claims 7-10, are allowable at least for the reasons discussed above with respect to claim 1, from which they depend, as well as for their added features.

Claims 1, 4 and 5 were rejected under 35 U.S.C. §102(e) as allegedly being anticipated by Arai et al. (hereinafter "Ari"), U.S. Patent No. 6,512,326. Claim 5 is canceled, and therefore the rejection is moot with respect to claim 5. Applicant respectfully traverses this rejection in so far as it applies to the remaining claims for at least the following reasons.

Applicant respectfully disagrees that Arai discloses every feature of Applicant's claimed invention. That is, Arai at least fails to disclose or suggest a pair of main frames and a pair of subframes attached to end portions of the subframes, as recited in amended independent claim 1. Rather, Arai teaches adding embosses 15 to an integrated frame body 11. See, for example, Figure 8 of Arai. The embosses 15 reduce or prevent torsion of the integrated frame body 11, as discussed in column 9, lines 46-57 of Arai. As discussed above, multipiece type shadow mask frames are very different from integrated type shadow mask frames, both in their manufacture and resulting structure, as well as the forces acting upon the resulting structure. Further, the claimed protruded part addresses bending moment of the subframes, not torsion of the entire frame, an issue associated with integrated type shadow mask frames.

Accordingly, the rejection of independent claim 1 over Arai should be withdrawn. Dependent claim 4, as well as added claims 7-10, are allowable at least for the reasons discussed above with respect to claim 1, from which they depend, as well as for their added features.

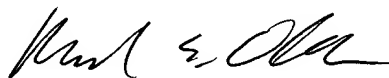
Added claim 11-19 also define over the applied references.

Accordingly, in view of the foregoing amendments and arguments, Applicant respectfully submits that the claims are allowable over the references as applied.

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Mark E. Olds, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
FLESHNER & KIM, LLP



Daniel Y.J. Kim
Registration No. 36,186
Mark E. Olds
Registration No. 46,507

P.O. Box 221200
Chantilly, VA 20153-1200
703 502-9440 DYK:MI:O/kam
Date: July 14, 2003